CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer,
Byatarayanapura Sub Division,
BBMP.

07th July 2014

Dear Sir,

Sub: Testing of Semi Dense Bituminous Concrete.

As requested, tests on physical properties were carried out for the Semi Dense Bituminous Concrete supplied by you, for the work of **'Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LA BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

CIVIL TECH LABS

Bitumen Content Determination on SDBC Mix-Grade 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP.
Name of the Work	Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.
Agency Name	M/s. K. R. I. D. L.
Date of Testing	07/07/2014

Specification : As Per MORTH (4th Revision) Table 500-15
Minimum Bitumen Content SDBC/Grade-2 is 5 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	1000	1000
2	Weight of mixture after test, g	946	945
3	Weight of bitumen extracted, g	54	55
4	Bitumen content in %	5.40	5.50
5	Average Bitumen content in %	5.45	
Remarks	**Satisfactory**		

Note:

1.The results relate only to the items tested.

2.Report shall not be reproduced except in full, without the written approval of the lab.

3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

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Lab Incharge
Civil Tech Labs

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TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP.
Project	Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	07/07/2014
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	98.9	
4.75	35-51	44.2	
2.36	24-39	35.1	
1.18	15-30	22.8	
0.3	9-19	16.3	
0.075	3-8	6.2	

Note:

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TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP.
Project	Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	07/07/2014
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	99.1	
4.75	35-51	45.9	
2.36	24-39	36.2	
1.18	15-30	23.5	
0.3	9-19	17.3	
0.075	3-8	6.8	

Note:

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T-2654

To,

Assistant Executive Engineer,
Byatarayanapura Sub Division,
BBMP.

24th June 2014

Dear Sir,

Sub: Testing of Wet Mix Macadam.

As requested, tests on physical properties were carried out for the Wet Mix Macadam supplied by you, for the work of **'Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

CIVIL TECH LABS

TEST ON WMM MIX

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP.
Project	Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	23/06/2014
Reference	**MORTH Table 400-11**

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	100	**Satisfies Requirements**
45	95-100	98.9	
22.4	60-80	75.2	
11.2	40-60	54.1	
4.75	25-40	33.5	
2.36	15-30	25.2	
0.6	8-22	18.1	
0.075	0-8	6.7	

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TEST ON WMM MIX

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP.
Project	Improvements to roads and Drains at Dasarahalli in Ward No. 6 in Dasarahalli Village Limits.
Agency	M/s. K. R. I. D. L.
Date of Testing	23/06/2014
Reference	**MORTH Table 400-11**

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	100	**Satisfies Requirements**
45	95-100	99.2	
22.4	60-80	74.1	
11.2	40-60	53.4	
4.75	25-40	32.8	
2.36	15-30	26.1	
0.6	8-22	17.8	
0.075	0-8	6.5	

Note:

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